

WHAT IS CLAIMED IS:

1. An adhesive polymer composite comprising at least one, optionally hydrogenated, nitrile rubber polymer having a Mooney viscosity (ML 1+4 @ 100°C) below 30, optionally at least one filler and optionally at least one cross-linking agent.
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2. A composite according to Claim 1 wherein the raw polymer Mooney viscosity (ML 1+4 @ 100°C) is below 20.
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3. A composite according to Claim 1 wherein the raw polymer Mooney viscosity (ML 1+4 @ 100°C) is below 10.
4. A composite according to Claim 1 wherein the polymer composite comprises a peroxide, resin or sulfur curing system.
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5. A process for preparing a polymer composite according to Claim 1 comprising mixing at least one, optionally hydrogenated, nitrile rubber polymer having a Mooney viscosity (ML 1+4 @ 100°C) below 30, with optionally at least one filler and optionally at least one cross-linking agent.
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6. A self-supporting shaped article comprising an adhesive composite comprising at least one, optionally hydrogenated, nitrile rubber polymer having a Mooney viscosity (ML 1+4 @ 100°C) below 30.
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7. An article according to Claim 6, wherein the article further comprises at least one supporting means on which the compound is layered.

8. A tape comprising the compound of Claim 1 and optionally one or more supporting means.
 9. A sealant or adhesive composition comprising the compound of Claim 1.
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